

Mod-0032.ST25.txt SEQUENCE LISTING

<110>	Jarrell, et al., Kevin
<120>	Modular Vector Systems
<130>	2003320-0032
<140> <141>	09/910,354 2001-07-20
<160>	24
<170>	PatentIn version 3.2
<210> <211> <212> <213>	1 23 DNA Artificial
<220> <223>	PCR primer EU-1 for amplification of a vector fragment containing bacterical origin of replication, Lac I gene, and pT7 promoter.
<400> cauggta	1 atat ctccttctta aag 23
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<220> <223>	PCR primer Eu-2 for amplification of a vector fragment containing bacterial origin of replication, Lac I gene, and pT7 promoter.
<400> cucatg	2 acca aaatccctta ac 22
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<220> <223>	PCR primer EU-3 for amplification of a vector fragment containing Amp gene.
<400> gagatt	3 atca aaaaggatct tc 22
<210> <211> <212> <213>	4 20 DNA Artificial
<220> <223>	PCR primer EU-4 for amplification of a vector fragment containing

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<400> uaacta	gcat aaccccttgg	20
	5 21 DNA Artificial	
<220> <223>	PCR primer 5' Lac Z for amplification of an insert fragment containing Lac Z gene.	
<400> augacca	5 atga ttacgccaac g	21
<210> <211> <212> <213>	6 22 DNA Artificial	
<220> <223>	PCR primer 3' Lac Z for amplification of an insert fragment containing Lac Z gene.	
<400> uuacaa	6 tttc cattcgccat tc	22
<210> <211> <212> <213>	7 37 DNA Artificial	
<220> <223>	PCR primer 5' OST for amplifying an Ori fragment from pET 19 b.	
<400> ctgctaa	7 agtg agcucgacag atcgctgaga taggtgc	37
<210> <211> <212> <213>	8 36 DNA Artificial	
<220> <223>	PCR primer 1N 3' Ori(s) for amplifying an Ori fragment from pET 19b.	
<400> aagctt	8 gcta agtagggcgt ttttccatag gctccg	36
<210> <211> <212> <213>	9 36 DNA Artificial	
<220> <223>	PCR primer 1NT5'KAN for amplifying a fragment containing the kanamycin resistance gene from pCR2.1 topo. Page 2	

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<400> ctaccta	9 agca agctuctatc tggacaaggg aaaacg	36
<210> <211> <212> <213>	10 41 DNA Artificial	
<220> <223>	PCR primer T73' KAN for amplifying a fragment containing the kanamycin resistance gene from pCR2.1 topo.	
<400> ccctata	10 agtg agtcgtatta aggcgaaaac tctcaaggat c	41
<210> <211> <212> <213>		
<220> <223>	PCR primer tcs1 for amplifying a fragment containing the luciferase gene from pG1 II basic.	
<400> ttaata	11 cgac tcactatagg gatggaagac gccaaaaaca ta	42
<210> <211> <212> <213>	36	
<220> <223>	PCR primer tc58 for amplifying a fragment containing the luciferase gene from pG1 II basic.	
<400> gagctc	12 actt agcagttaca atttggactt tccgcc	36
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<223>	Mod-0032.ST25.txt PCR primer 1NT 3'KAN for amplifying a fragment containing the kanamycin resistance gene from pCR 2.1 topo.
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<223>	Mod-0032.ST25.txt PCR primer 3nt 5'KHT for amplifiying a KAN fragment.	
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